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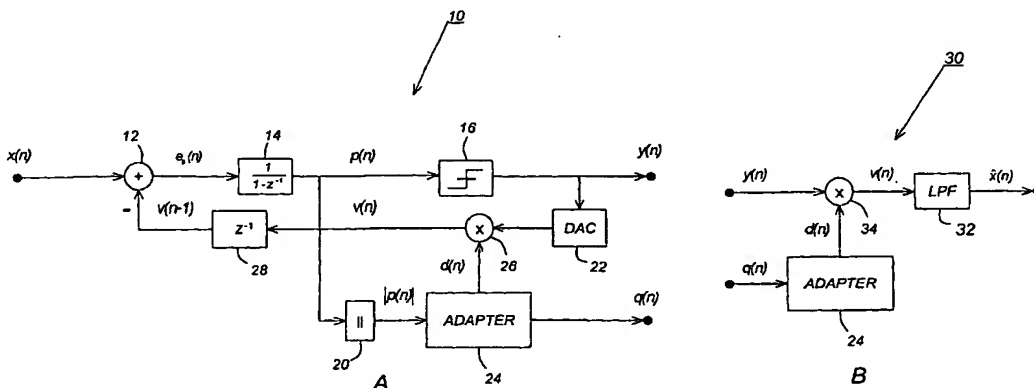
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(54) Title: ADAPTIVE MULTI-BIT DELTA AND SIGMA-DELTA MODULATION



(57) **Abstract:** An adaptive multi-bit delta and sigma-delta modulation and demodulation technique, wherein a one-bit modulator generates a binary output signal from an analog input signal and a multi-bit adapter for generating a scaling signal for scaling a step-size of the sigma-delta modulator.

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